MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

September 2001

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
13	0233	B: GUI	02	0558-0615	MMB+ KAK+ KNY+
	0200	C: SOD* NUR* NGK* BDV* HRB EBR*	02	0915-0919	BDV+
14	0205	A: NUR* VAL CLF* NAG*	02	1344-1409	BDV+ GUI
	0200	B: SOD* NGK* BDV* HRB* EBR* GUI HER*	05	1427-1435	BDV+
		C: GNA*	06	0343-0355	MMB+ KAK+ KNY+
25	2025	A: NUR NGK* CLF* HRB* NAG* MMB* EBR*	08	0439-0515	MMB+ KAK+ KNY+
	2020	KAK* KNY*	09	0231-0300	MMB+ KAK+
		B: BDV* HER*	09	1514-1526	GUI
		C: GNA* CNB*	09	2042-2055	MMB+KAK+KNY+CNB+
29	0940	B: VAL* NAG* HER*	16	0345-0515	MMB+ KAK+ KNY+
	0040	C: NGK* BDV*	25	0432-0510	MMB+ KAK+ KNY+
30	1924	B' NGK* BDV* MMB* KAK* KNY*	25	1020-1039	BDV+ HRB
	1324	D. 1401/ DD4 MIMD 14/1/ 1/(4)	27	1036-1042	GUI

REPORTING OBSERVATORIES (up to the 5th of November 2001):
SOD NUR NGK VAL BDV CLF HRB NAG MMB EBR KAK KNY GUI GNA HER CNB

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).

Storm Sudden Commencements (SSC) and Sunspot Numbers (SSN)

